S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
9	Conveying the excavated debries and over burden earth etc to a lead 20 kms distances by using private vehicles this including the cost of loading and inloading charges etc								
	Quantity vide Item No.1,.2,3					**96.88**			
		1	11.10	4.75	0.10	5.27			
		1	6.25	1.27	0.10	0.79			
		1	1.80	2.30	0.10	0.41			
		1	4.45	2.30	0.10	1.02			
		2	1.80	0.90	0.10	0.32			
	Quantity Vide No.5					33.77			
						138.48			
	101.67 x 1.30					**132.17**	cumt	**121.05**	**15999.18**
	Loading and unloading I.No.17.1			62.20					
	for Haulage(surface road Rs. 2.0 T/Km)								
	(density of debris 1.30 t/cum)								
	for 20kms =20x2x1.30			52.00					
				114.20					
			A W @ 6%	6.85					
			Total	121.05					
								TOTAL	**82695.73**
10	Miscelleneous								**7304.27**
						GRAND TOTAL			**90000.00**

(RUPEES NINETYTHOUSAND ONLY)

CERTIFICATES

1) The work spot has been inspected and found to be necessary
2) This estimate is prepared as per KPWD SR. of 2015-16 & Approved Rates
3) The provisions were made in this estimate are necessary and adequate.
4) This works come under B.B.M.P. limits.
5) The work is not Spilt Up.

Assistant Engineer
Project R.R.Nagar

Assistant Executive Engineer
Project R.R.Nagar

Executive Engineer
Project Division
R.R.Nagar Zone

BRUHAT BANGALORE MAHANAGARA PAILKE

CONSTRUCTION OF BUILDING AND DEVELOPMENT OF GOVT.SCHOOL AND IMPROVEMENTS IN SCHOOL PREMISES AT JALAHALLI VILLAGE IN WARD NO.16

GROUND FLOOR - BLOCK B

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
1	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for the work-in,**Ordinary/Hard soil-Mechanical** Means (Depth upto 3 m)								
	S.R Page no 7, item no 2.23.1								
		12	2.10	2.10	1.80	95.26			
		6	1.20	1.20	1.50	12.96			
						108.22	Cumt	**47.70**	**5161.90**
	Basic Rate:	45.00							
	Area Weightage @ 6%	2.70							
	Total	47.70							
2	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **ordinary soil** not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.								
	S.R Page no 5, item no 2.3								
	For Walls								
		1	20.75	1.00	1.00	20.75			
		1	9.50	1.00	1.00	9.50			
		1	8.40	1.00	1.00	8.40			
		1	7.95	1.00	1.00	7.95			
		1	10.00	1.00	1.00	10.00			
		1	18.20	1.00	1.00	18.20			
		1	7.63	1.00	1.00	7.63			
						82.43	Cumt	**188.68**	**15552.89**
	Basic Rate:	178.00							
	Area Weightage @ 6%	10.68							
	Total	188.68							
3	Filling available excavated earth (excluding rock) insides of foundations upto plinth in layers not exceeding 20cms. In depth, compacting each deposited layer by ramming after watering with a lead upto 50m. And lift upto 1.5m including cost of all labour (Inside platrform , sides and sides of the area)								
	S.R.page 6 Item 2.10								
	50% on qty vide S.No.1								
						95.33	Cumt	**127.20**	**12125.98**
	Basic Rate:	120.00							
	Area Weightage @ 6%	7.20							
	Total	127.20							
4	Providing and laying in position plain cement concrete of mix **1:3:6** with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregate @ 0.892cum and fine aggregates @ 0.465cum machine mixed, machinemixed, concrete laid in layers not exceeding 15 cms, thick well compacted in foundation and plinth, cost of all materials, labour HOM of machinery, curing complete as per specifications.								
	S.R Page no 12, item no 4.2								
		12	2.10	2.10	0.15	7.94			
		6	1.20	1.20	0.15	1.30			
	Walls	1	20.73	1.00	0.10	2.07			
		1	9.50	1.00	0.10	0.95			
		1	8.40	1.00	0.10	0.84			
		1	7.95	1.00	0.10	0.80			
		1	10.00	1.00	0.10	1.00			
		1	18.20	1.00	0.10	1.82			

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
		1	7.63	1.00	0.10	0.76			
	Class room	2	7.50	5.50	0.10	8.25			
		1	5.30	8.00	0.10	4.24			
		1	6.15	3.82	0.10	2.35			
	corridor	1	17.56	1.73	0.10	3.04			
		1	2.25	12.20	0.10	2.75			
	Beam	1	5.30	1.10	0.10	0.58			
	Corridor	4	1.73	0.80	0.10	0.55			
		2	2.25	0.80	0.10	0.36			
						39.59	Cumt	**5139.94**	**203509.65**
	Basic Rate:	4849.00							
	Area Weightage @ 6%	290.94							
	Total	5139.94							
5	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.								
	SR Page 23 iteam 5.9								
		1	20.73	0.90	0.45	8.40			
		1	20.73	0.60	0.45	5.60			
		1	20.73	0.45	0.30	2.80			
		1	9.50	0.90	0.45	3.85			
		1	9.50	0.60	0.45	2.57			
		1	9.50	0.30	0.30	0.86			
		1	8.40	0.90	0.45	3.40			
		1	8.40	0.60	0.45	2.27			
		1	8.40	0.45	0.30	1.13			
		1	7.95	0.90	0.45	3.22			
		1	7.95	0.60	0.45	2.15			
		1	7.95	0.45	0.30	1.07			
		1	10.00	0.90	0.45	4.05			
		1	10.00	0.60	0.45	2.70			
		1	10.00	0.45	0.30	1.35			
		1	18.20	0.90	0.45	7.37			
		1	18.20	0.60	0.45	4.91			
		1	18.20	0.45	0.30	2.46			
		1	7.63	0.90	0.45	3.09			
		1	7.63	0.60	0.45	2.06			
		1	7.63	0.45	0.30	1.03			
						66.32	Cumt	**4814.52**	**319321.11**
	Basic Rate:	4542.00							
	Area Weightage @ 6%	272.52							
	Total	4814.52							
6	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks,& Plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.								
	S.R.page 13 item 4.10								
A	Footing								
	C1	12	1.80	1.80	0.60	23.33			
	C2	6	1.20	1.20	0.40	3.46			
						26.78			
B	Columns								
	Upto Plinth Level								
	C1	12	0.30	0.30	1.35	1.46			
	C2	6	0.23	0.23	1.05	1.45			
	Above Plinth Level								
	C1	12	0.30	0.30	3.05	3.29			
	C2	6	0.23	0.23	3.05	4.21			
						10.41			
						37.19	Cumt	6292.16	**234030.60**